

### Abstract

The invention presents a radar antennae (10) for motor vehicle applications comprising at least one supply network (18) on a first side (20) of a high-frequency substrate (22), a metallic ground surface (24) on a second side (26) of the high-frequency substrate (22) opposite to the supply network (18), with and at least one radiative surface (28) which is excited by the supply network (18) via an associated aperture (30) in the metallic ground surface (24) and via a dielectric (32) disposed between the ground surface (24) and the radiative surface (28), to radiate electromagnetic waves, and with a housing (12). The radar antennae (10) is characterized in that the radiative surface (28) is firmly connected to the housing (12). The invention also presents a method for producing such radar sensors (10).